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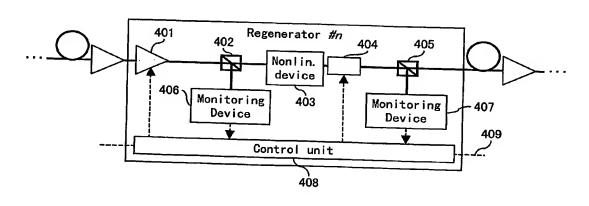
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(54) Title: OPTICAL REGENERATOR IN OPTICAL FIBER COMMUNICATION SYSTEM



(57) Abstract: In an optical fiber communication system, the input power to an all-optical nonlinear device in an optical regenerator is monitored and adjusted such that the regenerator operates at an optimized operation point.